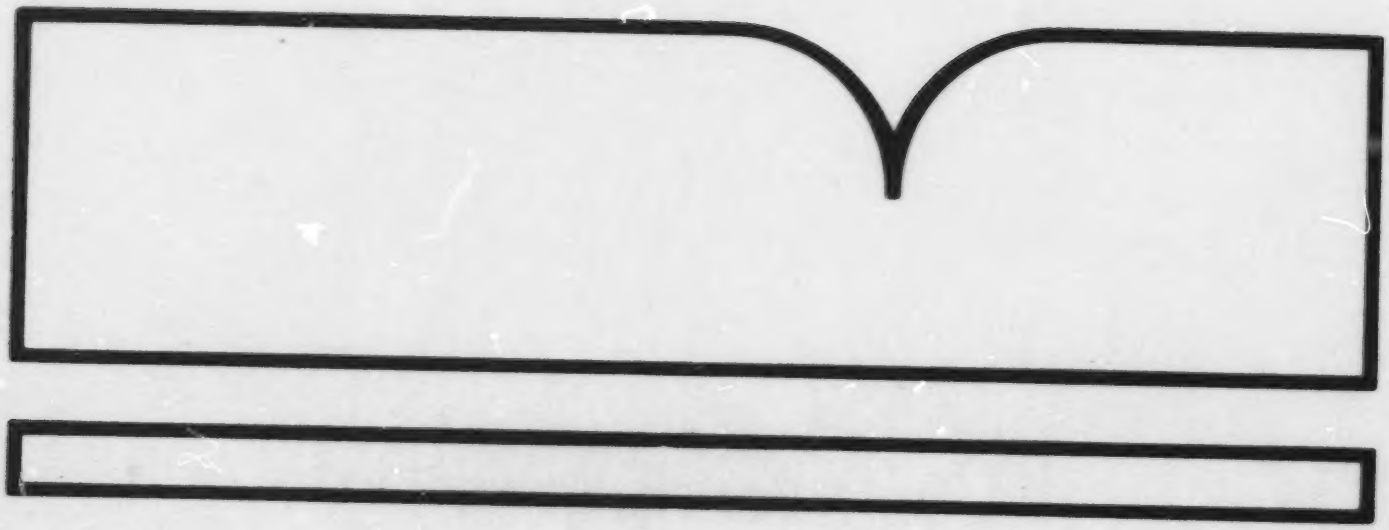
PB90-107558

Superfund Record of Decision (EPA Region 6): South Valley Site, Edmunds Street Source Control Operable Unit Albuquerque, NM., (First Remedial Action) March 1989

(U.S.) Environmental Protection Agency, Washington, DC

30 Mar 89



U.S. Department of Commerce
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NTIS

United States
Environmental Protection
Agency

Office of
Emergency and
Remedial Response

EPA/ROD/R06-89/048
March 1989

PB90-107558

EPA

Superfund Record of Decision:

South Valley/Edmunds Street, NM

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15. Supplementary Notes

16. Abstract (Limit: 200 words)

The South Valley/Edmunds Street site is a portion of the South Valley Superfund site - a large area in the southern part of the city of Albuquerque, New Mexico. The South Valley site surrounds a city municipal water well identified as San Jose-6. Within this larger area are a number of industrial properties owned and operated by different groups and individuals. The site has been divided into operable units to address soil and ground water contamination resulting from current and historical industrial practices. The operable units include Edmunds Street Ground Water, Former Air Force Plant 83/GE, San Jose-6, and the final operable unit, Edmunds Street Source Control. Potential sources of ground water contamination within the Edmunds Street property have been identified, but primary focus has been given to a drainage pit area which receives most of the drainage from the property. Investigations in all of the suspected potential contaminant source areas, however, revealed little soil contamination. Even if further migration of contaminants to ground water occurs, the ground water treatment system developed in the previous Edmunds Street Ground Water operable unit will be sufficient to address these concerns. There are no contaminants of concern affecting the soil at this site.

(See Attached)

17. Document Analysis a. Descriptors

Record of Decision - South Valley/Edmunds Street, NM
Fifth Remedial Action - Final
Contaminated Media: None
Key Contaminants: None

b. Identifiers/Open-Ended Terms

c. COSATI Field/Group

18. Availability Statement	19. Security Class (This Report) None	21. No. of Pages
	20. Security Class (This Page) None	22. Price

(See ANSI-Z39.18) See Instructions on Reverse OPTIONAL FORM 272 (4-77) (Formerly NTIS-35) Department of Commerce

EPA/ROD/R06-89/048
South Valley/Edmunds Street, NM
Fifth Remedial Action - Final

16. Abstract (continued)

The selected remedial response for this final operable unit is no further action. Based on sampling data, the soil has been determined to contain contaminant levels below hazardous contaminant concentration limits and poses no risk to human health or the environment. The only further activities anticipated at the site are sampling of soil gases in the drainage pit area following the ground water remedial action, and the precautions necessary to prevent any disturbance of drainage pit soils during the ground water remediation. There are no remedial or O&M costs associated with this operable unit.

8906C

DECLARATION OF THE RECORD OF DECISION

SITE NAME AND LOCATION

South Valley site, Edmunds Street Source Control Operable Unit
Albuquerque, New Mexico.

STATEMENT OF PURPOSE

This decision document outlines the remedial decision for the Edmunds Street Source Control Operable Unit in accordance with the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), and to the extent practicable, the National Oil and Hazardous Substance Pollution Contingency Plan, 40 CFR Part 300, November 20, 1985.

The State of New Mexico (through the New Mexico Environmental Improvement Division) has been provided an opportunity to comment on the remedial decision proposed by this Record of Decision.

STATEMENT OF BASIS

This decision is based on the administrative record for the South Valley site, Edmunds Street Source Control Operable Unit (see Attachment 1). The attached index identifies the items which comprise the administrative record.

DESCRIPTION OF REMEDY

The Environmental Protection Agency has decided that no additional action is necessary. It should be noted that a system for groundwater extraction with surface treatment was specified in the June 28, 1988 Record of Decision for the Edmunds Street Groundwater Operable Unit to deal with the contaminated groundwater under this property. Additional activities that need to be taken are as follows:

1) Soils in the area of the drainage pit should remain undisturbed for the duration of the groundwater remedial action. The area is shown in Figure 1. A contingency plan will be developed with precautions to be implemented should the soils be accidentially disturbed during this period;

2) Following the completion of the groundwater remedial action, soil gases in the drainage pit area should be sampled to determine if the remaining levels pose any threat to human health or the environment.

DECLARATION

This decision is consistent with the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 as amended by

the Superfund Amendments and Reauthorization Act of 1986, and the National Contingency Plan. It, in light of the previously approved Groundwater Operable Unit Remedial Action, is protective of human health and the environment and attains Federal and State requirements that are applicable or relevant and appropriate.

The New Mexico Environmental Improvement Division has been consulted on this remedial decision and concurs with this decision for the Source Control Operable Unit (Appendix 2). The above described action will be conducted in conjuction with the remedial activities specified in the June 28, 1988 Record of Decision for the Groundwater Operable Unit.

Robert E. Layton Jr., P.E.
Regional Administrator

March 30, 1989
Date

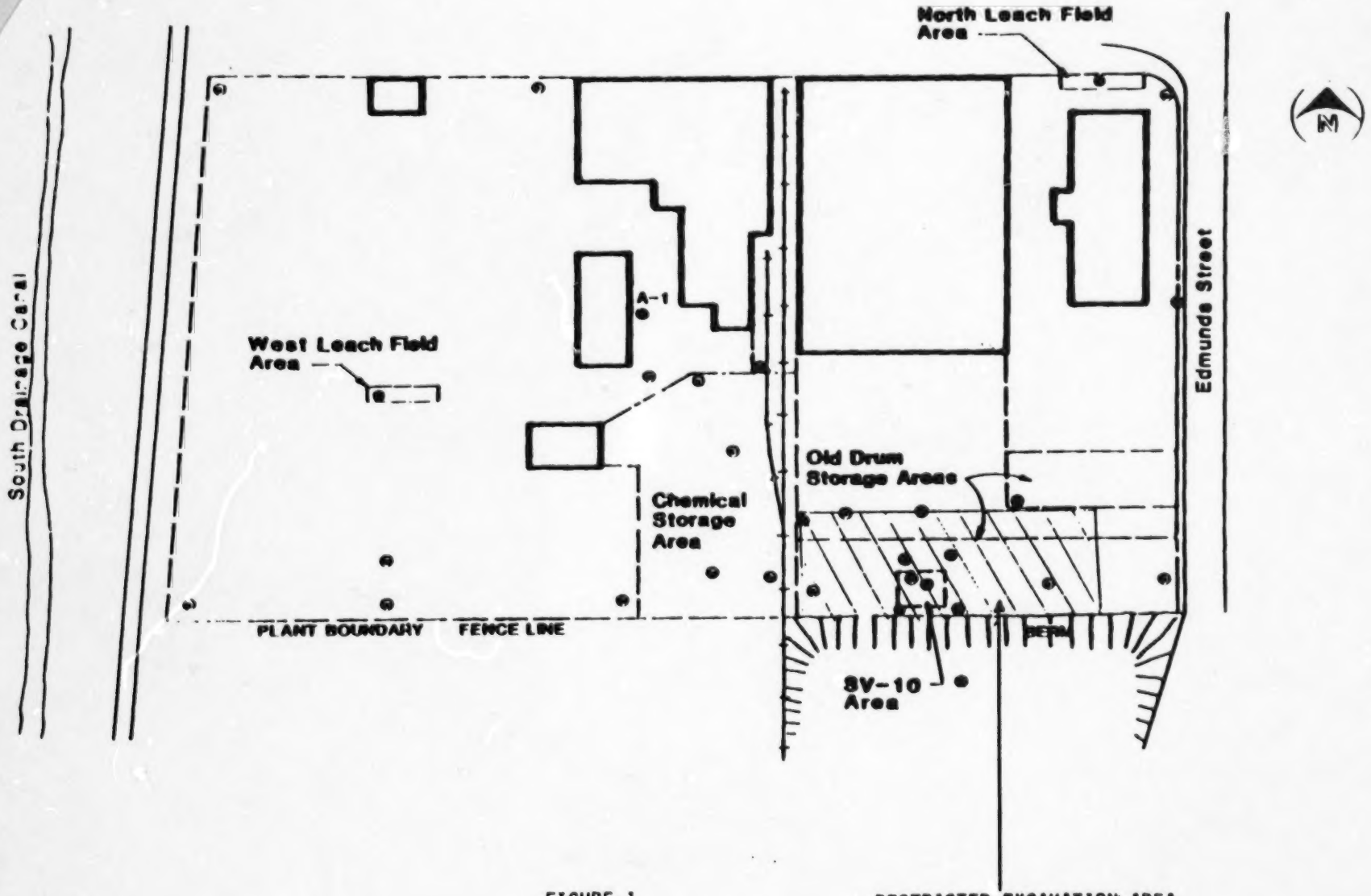
North Leach Field Area
South Drainage Canal
A-1
West Leach Field Area
Edmunde Street
Old Drum Storage Areas
Chemical Storage Area
PLANT BOUNDARY
FENCE LINE
SV-10 Area
RESTRICTED EXCAVATION AREA

FIGURE 1

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SUMMARY OF REMEDIAL ALTERNATIVE SELECTION

South Valley, Albuquerque, New Mexico
Edmunds Street Source Control Operable Unit

Site Location and Description

The Edmunds Street property is a portion of the South Valley Superfund site in Albuquerque, New Mexico. The South Valley Superfund site is an area surrounding the City of Albuquerque Municipal Water Well known as San Jose 6, near the intersection of Broadway and Woodward Road in southern Albuquerque. The Edmunds Street property is located at 3301 Edmunds Street. Figure 2 below shows the larger South Valley site with the Edmunds Street property in the southeastern corner of the site. Figure 3 on the next page shows the Edmunds Street property in more detail.

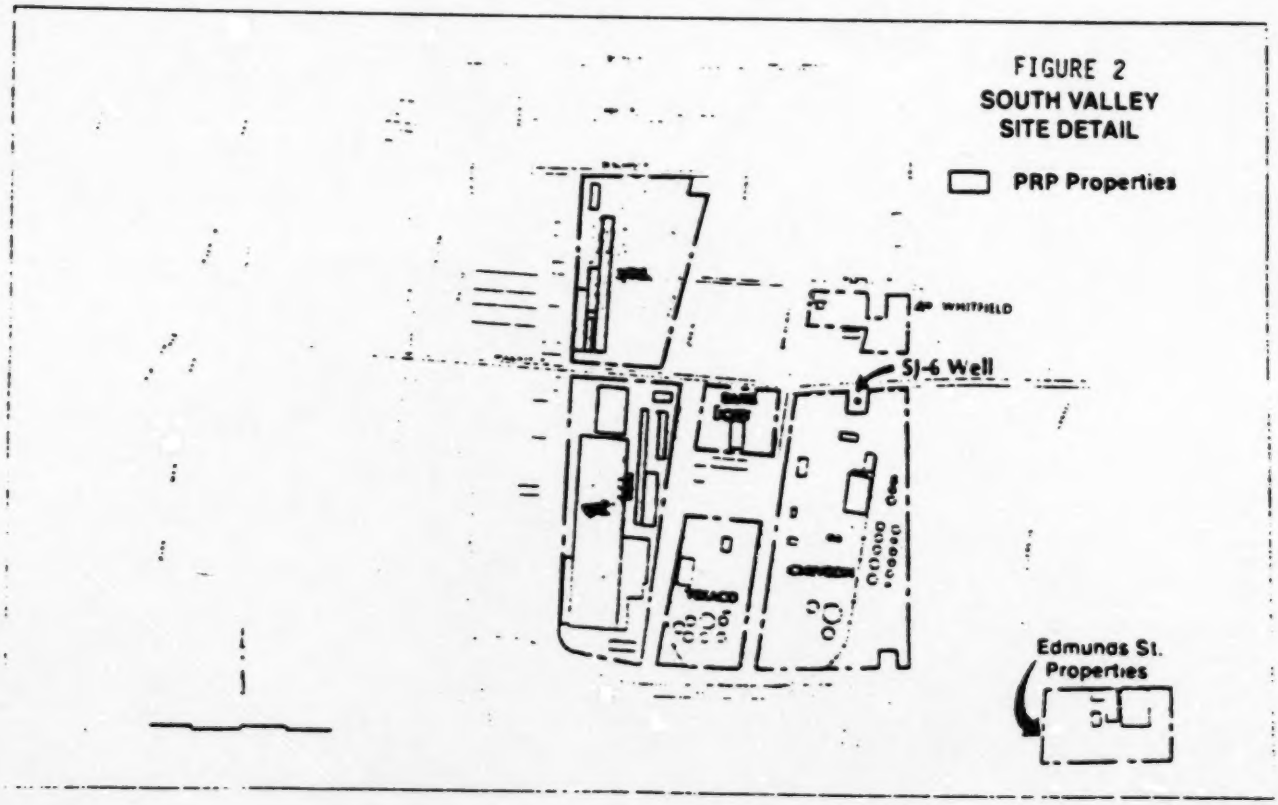

Figure 3 shows the various potential sources of contamination within the Edmunds Street property. These include the drainage pit area, the septic tank drain fields, the tank farm, and the old drum storage areas. The area around monitoring well SV-10 is called the drainage pit area. This area is a low spot on the property and much of the drainage for the property flows to this spot. The east and west leachfields are for the septic tanks located in conjunction with the property buildings. The tank farm area contains above ground tanks used for product storage. Finally the old drum storage areas were once used for the storage of drums of chemicals. All of these areas were investigated as potential sources of contamination, but the primary focus was on the drainage pit area.

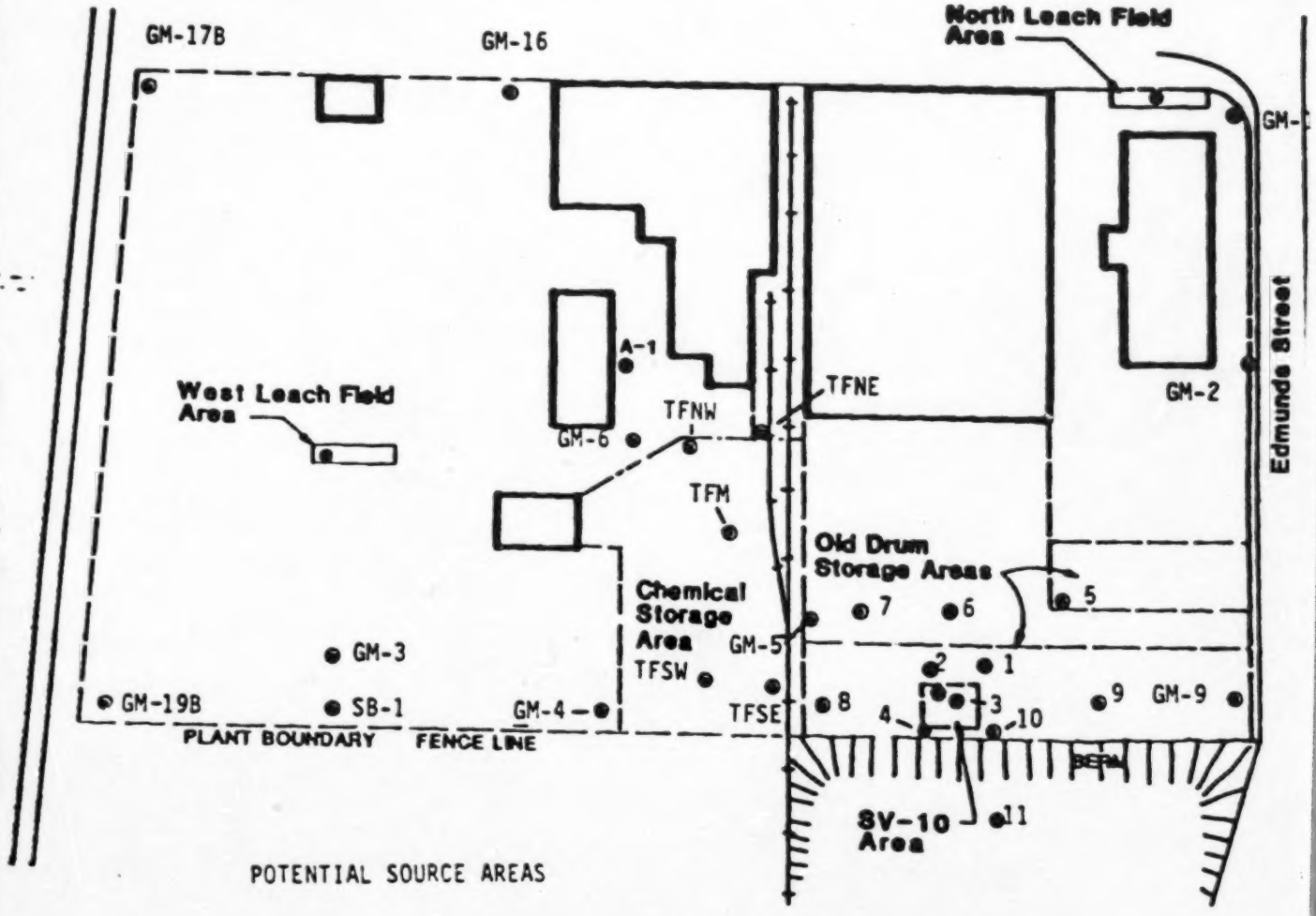

FIGURE 3

Current Site Status

After the existance under the site of groundwater contamination as high as the part-per-million level of chlorinated organic solvents was revealed, a search for the source of this contamination was launched. The results of the final phase of this search can be seen in Table 1. Nineteen soil borings were taken in all of the suspected potential contaminant source areas. In the area of suspected greatest contamination,the drainage pit, these samples extended from the surface to the water table more than 100 feet below. Little soil contamination was found. Of the 142 soil samples taken only eleven indicated part-per-billion level contamination. These eleven samples were concentrated in three areas: soil boring SV10-3, samples from soils in direct contact with contaminated groundwater, and the northern part of the tank farm area. The contamination in boring SV10-3 was found in four samples and consisted of a single contaminant, tetrachloroethene, at levels from 80 parts-per-billion to nondetectable levels. This differs from samples taken between 1978 and 1985 which did indicate the presence of higher levels of solvent contamination in the drainage pit area. This difference is likely the result of the continued migration of solvents from the soils down into the groundwater. This is supported by groundwater sampling data which show contamination levels directly beneath the pit have fallen from 22,900 parts-per -billion (ppb) total volatile organic compounds in 1985 to 872 in 1988. The contamination found in samples from soils that are in direct contact with the groundwater reflect the contamination found in the groundwater rather than the soil. This contamination will be remedied through groundwater treatment. The three soil samples which showed contamination in the tank farm area had levels of 118, 21 and 14 ppb. These results point to minor suerface spillage associated with operation of surface tanks and not a potential continuing source of contaminants to groundwater that was the object of the investigation. Even taking the worst case, assuming that the full area of the most extensive contamination around boring SV10-3 is contaminated to the full 25 foot radius between SV10-3 and th clean borings, there could only be a maximum of 60,000 cubic feet of contaminated soil. This is not enough to pose any risk of continued groundwater contamination. Even should there be further migration of contaminants to groundwater, it will be cleaned up through the groundwater treatment system already selected.

Site Risks

The soils pose no risk to human health or the environment. The three primary routes of exposure through which the public could be exposed to contaminated soils are direct contact, ingestion of contaminated soils, or inhalation. What little soil contamination was found is below the surface. There is no risk of direct contact. Should, in some improbable manner, these soils be exposed, even daily ingestion of 100 millligrams of the contaminated soil over a lifetime would not pose a threat to human health.

The remaining route is inhalation. There is not enough contamination remaining in the soils to sustain a continuous release. But, to evaluate a worst case assuming the highest concentration of the worst contaminant (30,000 micrograms per cubic meter 1,1 dichloroethene) was somehow released all at once, the maximum exposure would be approximately 0.7 micrograms per liter (ug/l) 230 meters northeast of the drainage pit. The standard for occupational exposure to this chemical is 20,000 ug/cubic meter. Though there is not sufficient contamination to sustain a release for 70 years, the standard for lifetime continuous daily exposure is 0.02 ug/cubic meter. Even given the long chain of exteme assumptions that were made there is no chance of the soil gases posing a risk. Air modeling shows that the population most effected from air releases is 3/4 of a mile (2000 meters) to the northeast. However, to eliminate any possibility of these soil gases posing a threat, the Record of Decision will contain a provision to prevent disturbance of the soils until the contaminants can be removed from the underlying groundwater. There remains the possibility of migration of contaminants below detection limits into the groundwater. However, the groundwater remedial action already selected calls for collection and treatment of the groundwater from beneath the site. This will provide a safety net to catch any potential migration however unlikely such potential may be.

Enforcement Analysis

There is a list of several potentially responsible parties (PRPs) for the Edmunds Street property. These include past and present owners and operators of the property. The primary PRPs for the purposes of this document are the UNIVAR Corporation through its Van Water & Rogers subsidiary, and AmeriGas a previous property owner. The UNIVAR Corporation has engaged in negotiations with EPA for implementation of the groundwater remedy at this property. Negotiations will be conducted to include the actions required by this Record of Decision along with those required for groundwater. These negotiations will be conducted with the intent of reaching an agreement between the PRPs and EPA which is enforceable in Federal District Court.

Community Relations

There has been some media interest in the overall South Valley Superfund site, but interest from individual citizens in the Edmunds Street property has been low. A citizens group, the San Jose Community Awareness Council, has been formed and has expressed interest in the South Valley Superfund site. This interest included a letter of intent to apply for a Technical Assistance Grant for the South Valley site.

Notice of EPA's proposed remedial decision was provided to potentially affected persons through a press release on February 27, 1989 and was followed by a direct mailing in both English and Spanish to individuals and groups on the site mailing list. The mailing included a fact sheet describing the site problem and the

proposed remedial decision. The public comment period on the remedial decision ended March 28, 1989. A public meeting on the proposed remedial decision was held on March 16, 1989 at the East San Jose Community Center in Albuquerque. The meeting was attended by approximately 30 individuals, two of whom had questions about the proposed decision. All of the questions asked were answered at the meeting. The response to comments or questions submitted during the public meeting and during the comment period is presented in the Responsiveness Summary at the end of this document.

Operable Units

The South Valley site has been divided into four operable units. These are the Edmunds Street Source Control, Edmunds Street Groundwater, Former Air Force Plant 83/GE, and the overall Offsite portion also known as SJ-6. The division of the site into these parts follows from the nature of the site. The South Valley site is a large area surrounding the City well San Jose #6. Within this larger area are a number of industrial properties owned and operated by different groups and individuals. Each of the two source control operable units deals with a single industrial property that through the investigation process has been shown to have or to have had contamination that requires action. The overall Offsite operable unit was intended to deal with the site as a whole, leading to a decision about the larger groundwater issues that caused this area to become a Superfund site, while the source control operable units eliminate the sources of groundwater contamination. The Edmunds Groundwater operable unit dealt with a specific groundwater plume originating on that property and extending to the east.

The Edmunds Street Source Control operable unit is the subject of this document. It is the last of the operable unit Record of Decisions for this site.

SELECTED REMEDIAL APPROACH

No further action has been selected as the remedial decision for the Edmunds Source Control operable unit. As mandated by the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986 and in accordance with the National Contingency Plan (NCP) several statutory requirements must be met for selecting the appropriate remedial approach for a Superfund site:

* Overall Protection of Human Health and the Environment
* Consistency with Other Environmental Laws
* Cost Effectiveness

Based on the finding of no significant soil contamination during the remedial investigation, EPA concludes that no further remediation beyond that required in the June 28, 1988 Record of Decision for the Edmunds Street Groundwater operable unit is

warranted or necessary. Activities which are recommended and will be included in the groundwater remedial activities include protection of the soils in the drainage pit area from disturbance during the groundwater cleanup and testing of soil gases in the area following the groundwater remediation to insure that the remaining gases pose no threat to human health and the environment.

As detailed in the remedial investigation report and shown in Table One, no significant soils contamination remains. It is not our claim that the soils are completely clean. They are not. What we are saying is that what little contamination was found in the soils poses no threat to human health and the environment. There is one boring in the drainage pit area, boring SV10-3, that shows one contaminant, tetrachloroethene (PCE), at levels from 80 parts-per-billion to nondetectable in the samples from that boring. The six borings which surround SV10-3 do not show this contamination (see Figure Three).

It is likely that the migration of the contaminants into the underlying groundwater continued until the level of the contaminants dropped below detection limits of the sample analysis methods. The public is also protected from any potential migration of any contaminants below the detection limit, however unlikely, by the groundwater remedy. Any contaminants would migrate into the groundwater below the site. This groundwater will be collected and treated as part of the groundwater remedial action. The absence of a continuing source of contamination in the soils is supported by the most recent groundwater sampling data from August and September 1988, which show a drop in the level of contaminants in the groundwater directly below the drainage pit area.

A. Consistency with the National Contingency Plan and the Provisions of the Superfund Amendments and Reauthorization Act

This decision, in conjunction with the remedial action approved in the June 28, 1988 Record of Decision, provides for protection of human health and the environment. In addition, this decision is consistent with the National Contingency Plan (NCP), 40 CFR 300.68(d) which requires the lead agency to gather sufficient information to determine the necessity for and proposed extent of remedial action. Development of remedial alternatives was not warranted in this situation on the following basis:

* As was explained above, no significant contamination was detected in the Edmunds property soils, and thus no continued risk to human health and the environment is posed by the site soils.

* The little contamination which was detected in the soils does not exceed any Federal or State standards as there are none for soil contamination. Examination of any threat posed by any remaining contamination to human health or the environment showed no risk either through ingestion or direct contact with the subsurface contamination. The only potential for harm was

through the remote chance of contamination of underlying groundwater and its subsequent consumption. This potential was dealt with in the June 1988 groundwater remedial decision. The no further action remedial approach is, therefore, consistent with applicable environmental laws.

* The soils themselves do not contain enough contamination to warrant their remediation. The next level of treatment would involve a technology for removal of what little contamination remains. Going to this next, more expensive level of technology would not provide any additional protection to human health or the environment as the only probable route of exposure, ingestion of water contaminated through further migration of soil contaminants, has already been remedied through the groundwater extraction and treatment system selected in the June 1988 ROD. The selected remedy is therefore an efficient use of resources.

Two other criteria are normally considered in the evaluation of remedial alternatives. They are that the alternative selected utilize permanent solutions and alternative treatment technologies or resource recovery technologies to the maximum extent practible and that the preference for treatment that reduces toxicity, mobility, or volume as a principle element is satisfied. As no significant levels of contamination were found, there was no material to be treated eliminating both of these criteria from consideration.

OPERATION AND MAINTENANCE

No operation and maintenance (O&M) is anticipated other than insuring that site soils within the specified area remain undisturbed during groundwater remediation.

FUTURE ACTIONS

The only future action anticipated is the sampling of soil gases in the drainage pit area following groundwater remediation to insure that any remaining contaminants in the soil gases pose no threat to human health and the environment.

SIGNIFICANT CHANGES IN THE SELECTED ALTERNATIVE

There was no change in the recommended alternative as presented to the public during the public comment period and at the public meeting and that recommended alternative is the selected alternative.

TABLE ONE

SOIL SAMPLING RESULTS

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-1	SV10-1	SV10-1	SV10-1	SV10-1
Sample Interval:	5 - 7'	10 - 12'	20 - 22'	30 - 32'	40 - 42'
Date Sampled:	4/6	4/6	4/6	4/6	4/6
Work Order Number:	88-04-040	88-04-040	88-04-040	88-04-040	88-04-040
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL					
Benzene	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--
Bromoform	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--
Chlorobenzene	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--
Chloroethane	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--
Chloroform	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--
Ethylbenzene	--	--	--	--	--
Methyl bromide	--	--	--	--	--
Methyl chloride	--	--	--	--	--
Methylene chloride	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--
Toluene	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--
Trichloroethene	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--
Vinyl chloride	--	--	--	--	--
Acetone	--	11 BL	18 BL	11 BL	14 BL
2-Butanone	--	--	--	--	--
Vinyl acetate	--	--	--	--	--
2-Hexanone	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--
Styrene	--	--	--	--	--
Total xylenes	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

	--------Replicate---------					
Boring Designation:	SV10-1	SV10-1*	SV10-1	SV10-1	SV10-1	SV10-1
Sample Interval:	50 - 52'	50 - 52'	60 - 62'	70 - 72'	80 - 82'	90 - 92'
Date Sampled:	4/6	4/6	4/7	4/7	4/7	4/7
Work Order Number:	SB-04-040	SB-04-040	SB-04-040	SB-04-040	SB-04-040	SB-04-040
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	6.9 BL	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	13 BL	10 BL	14 BL	15 BL	--	11 BL
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-2	SV10-2	SV10-2	SV10-2	SV10-2	SV10-2
Sample Interval:	5 - 7'	10 - 12'	20 - 22'	30 - 32'	40 - 42'	50 - 52'
Date Sampled:	4/7	4/7	4/7	4/7	4/7	4/7
Work Order Number:	SS-04-049	SS-04-049	SS-04-049	SS-04-049	SS-04-049	SS-04-049
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	15 BL	15 BL	14 BL	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-2	SV10-2	SV10-2	SV10-2	SV10-2
Sample Interval:	60 - 62'	70 - 72'	80 - 82'	90 - 92'	100 - 102'
Date Sampled:	4/7	4/7	4/7	4/7	4/7
Work Order Number:	88-07-049	88-07-049	88-07-049	88-07-049	88-07-049
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
BSL					
Benzene	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--
Bromoform	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--
Chlorobenzene	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--
Chloroethane	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--
Chloroform	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--
Ethylbenzene	--	--	--	--	--
Methyl bromide	--	--	--	--	--
Methyl chloride	--	--	--	--	--
Methylene chloride	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--
Toluene	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--
Trichloroethene	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--
Vinyl chloride	--	--	--	--	--
Acetone	20 BL	--	20 BL	--	--
2-Butanone	--	--	--	--	--
Vinyl acetate	--	--	--	--	--
2-Hexanone	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--
Styrene	--	--	--	--	--
Total xylenes	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
BSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-3	SV10-3	SV10-3*	SV10-3	SV10-3	SV10-3
		--------Replicate---------				
Sample Interval:	5 - 7'	10 - 12'	10- 12'	20 - 22'	30 - 32'	40 - 42'
Date Sampled:	4/8	4/8	4/8	4/8	4/8	4/8
Work Order Number:	88-04-048	88-04-048	88-04-048	88-04-048	88-04-048	88-04-048
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
BSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	81	21	16	19	9.6	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	23 BL	13 BL	12 BL	21 BL	15 BL	22 BL
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
BSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-3	SV10-3	SV10-3	SV10-3	SV10-3	SV10-3
Sample Interval:	50 - 52'	60 - 62'	70 - 72'	80 - 82'	90 - 92'	100 - 102'
Date Sampled:	4/8	4/8	4/8	4/8	4/8	4/8
Work Order Number:	SB-04-048	SB-04-048	SB-04-048	SB-04-048	SB-04-048	SB-04-048
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	*	27 J
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	44 BL
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	900
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	150
Trichlorofluoroethane	--	--	--	--	--	190
Vinyl chloride	--	--	--	--	--	--
Acetone	13 BL	16 BL	16 BL	15 B	--	5,400 B
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	160 J
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-4	SV10-4	SV10-4	SV10-4	SV10-4	SV10-4
Sample Interval:	5 - 7'	10 - 12'	20 - 22'	30 - 32'	40 - 42'	52 - 52'
Date Sampled:	4/11	4/11	4/11	4/11	4/11	4/11
Work Order Number:	88-04-054	88-04-054	88-04-054	88-04-054	88-04-054	88-04-054
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	11 BL	11 BL	--	15 B	--	16 B
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

				--------Replicate---------		
Boring Designation:	SV10-4	SV10-4	SV10-4	SV10-4	SV10-4*	SV10-4
Sample Interval:	60 - 62'	70 - 72'	80 - 82'	90 - 92'	90 - 92'	100 - 102'
Date Sampled:	4/11	4/11	4/11	4/11	4/11	4/11
Work Order Number:	SB-04-054	SB-04-054	SB-04-054	SB-04-054	SB-04-054	SB-04-054
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	11 B	10 B	11 B	21 B	14 B	600 B
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

	--------Replicate---------					
Boring Designation:	SV10-5	SV10-5*	SV10-5	SV10-5	SV10-5	SV10-5
Sample Interval:	5 - 7'	5 - 7'	10 - 12'	20 - 22'	30 - 32'	40 - 42'
Date Sampled:	4/12	4/12	4/12	4/12	4/12	4/12
Work Order Number:	P8-04-024	P8-04-024	P8-04-024	P8-04-024	P8-04-024	P8-04-024
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	11 J	11 J	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico

Boring Designation:	SV10-5	SV10-5	SV10-5	SV10-5	SV10-5	SV10-5
Sample Interval:	50 - 52'	60 - 62'	70 - 72'	80 - 82'	90 - 92'	100 - 102'
Date Sampled:	4/12	4/12	4/12	4/12	4/12	4/12
Work Order Number:	P8-04-024	P8-04-024	P8-04-024	P8-04-024	P8-04-024	P8-04-024
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	14	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	56
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	22
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

	--------Replicate---------					
Boring Designation:	SV10-6	SV10-6*	SV10-6	SV10-6	SV10-6	SV10-6
Sample Interval:	5 - 7'	5 - 7'	10 - 12'	20 - 22'	30 - 32'	40 - 42'
Date Sampled:	4/12	4/12	4/12	4/12	4/12	4/12
Work Order Number:	P8-D4-024	P8-D4-024	P8-D4-024	P8-D4-024	P8-D4-024	P8-D4-024
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	13	10 J	12 J	12 J
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-6	SV10-6	SV10-6	SV10-6	SV10-6	SV10-6
Sample Interval:	50 - 52'	60 - 62'	70 - 72'	80 - 82'	90 - 92'	100 - 102'
Date Sampled:	4/12	4/12	4/12	4/12	4/12	4/12
Work Order Number:	PB-04-024	PB-04-024	PB-04-024	PB-04-024	PB-04-024	PB-04-024
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

	--------Replicate---------					
Boring Designation:	SV10-7	SV10-7*	SV10-7	SV10-7	SV10-7	SV10-7
Sample Interval:	5 - 7'	5 - 7'	10 - 12'	20 - 22'	30 - 32'	40 - 42'
Date Sampled:	4/13	4/13	4/13	4/13	4/13	4/13
Work Order Number:	P8-04-025	P8-04-025	P8-04-025	P8-04-025	P8-04-025	P8-04-025
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-7	SV10-7	SV10-7	SV10-7	SV10-7	SV10-7
Sample Interval:	50 - 52'	60 - 62'	70 - 72'	80 - 82'	90 - 92'	100 - 102'
Date Sampled:	4/13	4/13	4/13	4/13	4/13	4/13
Work Order Number:	PB-04-025	PB-04-025	PB-04-025	PB-04-025	PB-04-025	PB-04-025
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	15
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

	--------Replicate---------					
Boring Designation:	SV10-8	SV10-8*	SV10-8	SV10-8	SV10-8	SV10-8
Sample Interval:	5 - 7'	5 - 7'	10 - 12'	20 - 22'	30 - 32'	40 - 42'
Date Sampled:	4/13	4/13	4/13	4/13	4/13	4/13
Work Order Number:	P8-04-025	P8-04-025	P8-04-025	P8-04-025	P8-04-025	P8-04-025
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-8	SV10-8	SV10-8	SV10-8	SV10-8	SV10-8
Sample Interval:	50 - 52'	60 - 62'	70 - 72'	80 - 82'	90 - 92'	100 - 102'
Date Sampled:	4/13	4/13	4/13	4/13	4/13	4/13
Work Order Number:	P8-04-025	P8-04-025	P8-04-025	P8-04-025	P8-04-025	P8-04-025
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limit.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

		--------Replicate---------				
Boring Designation:	SV10-9	SV10-9	SV10-9*	SV10-9	SV10-9	SV10-9
Sample Interval:	5 - 7'	10 - 12'	10 - 12'	20 - 22'	30 - 32'	40 - 42'
Date Sampled:	4/14	4/14	4/14	4/14	4/14	4/14
Work Order Number:	SB-04-082	SB-04-082	SB-04-082	SB-04-082	SB-04-082	SB-04-082
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	12 B	--	--	--	13 B
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limit.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-9	SV10-9	SV10-9	SV10-9	SV10-9	SV10-9
Sample Interval:	50 - 52'	60 - 62'	70 - 72'	80 - 82'	90 - 92'	100 - 102'
Date Sampled:	4/14	4/14	4/14	4/14	4/14	4/14
Work Order Number:	SB-04-082	SB-04-082	SB-04-082	SB-04-082	SB-04-082	SB-04-082
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	12 B	13 B	15 B	13 B	--	12 B
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limit.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

		--------Replicate---------				
Boring Designation:	SV10-10	SV10-10	SV10-10*	SV10-10	SV10-10	SV10-10
Sample Interval:	5 - 7'	10 - 12'	10 - 12'	20 - 22'	30 - 32'	40 - 42'
Date Sampled:	4/14	4/14	4/14	4/14	4/14	4/14
Work Order Number:	SB-04-092	SB-04-092	SB-04-092	SB-04-092	SB-04-092	SB-04-092
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	15 B	--	10 B	12 B	14 B
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limit.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-10	SV10-10	SV10-10	SV10-10	SV10-10	SV10-10
Sample Interval:	50 - 52'	60 - 62'	70 - 72'	80 - 82'	90 - 92'	100 - 102'
Date Sampled:	4/14	4/14	4/14	4/14	4/14	4/14
Work Order Number:	SB-04-092	SB-04-092	SB-04-092	SB-04-092	SB-04-092	SB-04-092
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	8.3 B	--	--	5.3 B	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	3,300 BS
2-Butanone	--	--	--	--	--	450 S
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limit.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

		--------Replicate---------				
Boring Designation:	SV10-11	SV10-11	SV10-11*	SV10-11	SV10-11	SV10-11
Sample Interval:	5 - 7'	10 - 12'	10 - 12'	20 - 22'	30 - 32'	40 - 42'
Date Sampled:	4/15	4/15	4/15	4/15	4/15	4/15
Work Order Number:	SB-04-092	SB-04-092	SB-04-092	SB-04-092	SB-04-092	SB-04-092
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	5.7 B	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limit.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico

Boring Designation:	SV10-11	SV10-11	SV10-11	SV10-11	SV10-11	SV10-11
Sample Interval:	50 - 52'	60 - 62'	70 - 72'	80 - 82'	90 - 92'	100 - 102'
Date Sampled:	4/15	4/15	4/15	4/15	4/15	4/15
Work Order Number:	SB-04-092	SB-04-092	SB-04-092	SB-04-092	SB-04-092	SB-04-092
Units:	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	11 B	5.8 B	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	--	--	--	--	--	220 B
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limit.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
HSL Hazardous Substance List.
$ Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Vicinity of the SV-10 Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Boring Designation:	SV10-11
Sample Interval:	110 - 112'
Date Sampled:	4/15
Work Order Number:	88-04-092
Units:	(ug/kg)

BSL	
Benzene	--
bis(Chloromethyl)ether	--
Bromoform	--
Carbon tetrachloride	--
Chlorobenzene	--
Chlorodibromomethane	--
Chloroethane	--
2-Chloroethylvinyl ether	--
Chloroform	--
Dichlorobromomethane	--
1,1-Dichloroethane	--
1,2-Dichloroethane	--
trans-1,2-Dichloroethene	--
1,1-Dichloroethene	--
1,2-Dichloropropane	--
cis-1,3-Dichloropropylene	--
Ethylbenzene	--
Methyl bromide	--
Methyl chloride	--
Methylene chloride	7.5 B
1,1,2,2-Tetrachloroethane	--
Tetrachloroethene	11
Toluene	--
1,2-trans-Dichloroethylene	--
1,1,1-Trichloroethane	--
Trichloroethene	--
Trichlorofluoromethane	--
Vinyl chloride	--
Acetone	11 B
2-Butanone	--
Vinyl acetate	--
2-Hexanone	--
4-Methyl-2-pentanone	--
Styrene	--
Total xylenes	--

-- Concentrations less than the contract required detection limit.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate analysis.
BSL Hazardous Substance List.
S Outside laboratory calibration range.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Tank Farm Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Sample I.D.:	TFNE (5)	TFNE (10)	TFNE (20)	TFNW (5)	---------Replicate--------- TFNW (10)	TFNW (10) *
Sample Interval:	5 - 7'	10 - 12'	20 - 22'	5 - 7'	10 - 12'	10 - 12'
Date Sampled:	4/6	4/6	4/6	4/6	4/6	4/6
Work Order Number:	S8-04-024	S8-04-024	S8-04-024	S8-04-024	S8-04-024	S8-04-024
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
BSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	110	--	21	--	14	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	8.7	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoroethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	17 BL	19 BL	18 BL	19 BL	18 BL	20 BL
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate sample.
TFNE N.E. Tank Farm Area.
TFNW N.W. Tank Farm Area.
BSL Hazardous Substance List.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Tank Farm Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Sample I.D.:	TFMD (5)	TFMD (10)	TFMD (15)	TFMD (20)	TFSW (5)	TFSW (10)
Sample Interval:	5 - 7'	10 - 12'	15 - 17'	20 - 22'	5 - 7'	10 - 12'
Date Sampled:	4/6	4/6	4/6	4/6	4/6	4/6
Work Order Number:	SB-04-024	SB-04-024	SB-04-024	SB-04-024	SB-04-024	SB-04-024
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
HSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	16 BL	--	13 BL	17 BL	21 BL	18 BL
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate sample.
TFSW S.W. Tank Farm Area.
TFMD Middle Tank Farm Area.
HSL Hazardous Substance List.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the Tank Farm Area, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

		---------Replicate---------				
Sample I.D.:	TFSW (15)	TFSW (20)	TFSW (20) *	TFSE (5)	TFSE (10)	TFSE (10)
Sample Interval:	15 - 17'	20 - 22'	20 - 22'	5 - 7'	10 - 12'	15 - 17'
Date Sampled:	4/6	4/6	4/6	4/6	4/6	4/6
Work Order Number:	SB-04-024	SB-04-024	SB-04-024	SB-04-024	SB-04-024	SB-04-024
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
BSL						
Benzene	--	--	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chlorodibromomethane	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Dichlorobromomethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methyl bromide	--	--	--	--	--	--
Methyl chloride	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
Acetone	18 BL	14 BL	--	--	18 BL	16 BL
2-Butanone	--	--	--	--	--	--
Vinyl acetate	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Total xylenes	--	--	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
J Laboratory estimated value, but could not be quantified.
* Laboratory duplicate sample.
TFSW S.W. Tank Farm Area.
TFSE S.E. Tank Farm Area.
BSL Hazardous Substance List.
ug/kg Micrograms per kilogram.

Summary of Volatile Organic Compound Concentrations Detected above the Contract Required Detection Limit in Soil Samples in the North and West Leachfield Areas, Collected April 1988, 3301 Edmunds Street Site, Albuquerque, New Mexico.

Sample I.D.:	North L.F.	North L.F.	West L.F.	West L.F.
Sample Interval:	10 - 12'	20 - 22'	10 - 12'	20 - 22'
Date Sampled:	4/5	4/6	4/5	4/5
Work Order Number:	88-04-026	88-04-024	88-04-024	88-04-026
Units:	ug/kg	ug/kg	ug/kg	ug/kg
HSL				
Benzene	--	--	--	--
bis(Chloromethyl)ether	--	--	--	--
Bromoform	--	--	--	--
Carbon tetrachloride	--	--	--	--
Chlorobenzene	--	--	--	--
Chlorodibromomethane	--	--	--	--
Chloroethane	--	--	--	--
2-Chloroethylvinyl ether	--	--	--	--
Chloroform	--	--	--	--
Dichlorobromomethane	--	--	--	--
1,1-Dichloroethane	--	--	--	--
1,2-Dichloroethane	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--
1,1-Dichloroethene	--	--	--	--
1,2-Dichloropropane	--	--	--	--
cis-1,3-Dichloropropylene	--	--	--	--
Ethylbenzene	--	--	--	--
Methyl bromide	--	--	--	--
Methyl chloride	--	--	--	--
Methylene chloride	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--
Tetrachloroethene	--	--	--	--
Toluene	--	--	--	--
1,2-trans-Dichloroethylene	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--
Trichloroethene	--	--	--	--
Trichlorofluoromethane	--	--	--	--
Vinyl chloride	--	--	--	--
Acetone	--	11 B	--	--
2-Butanone	--	--	--	--
Vinyl acetate	--	--	--	--
2-Hexanone	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--
Styrene	--	--	--	--
Total xylenes	--	--	--	--

-- Concentrations less than the contract required detection limits.
B,BL Detected in reagent blank.
HSL Hazardous Substance List.
ug/kg Micrograms per kilogram.